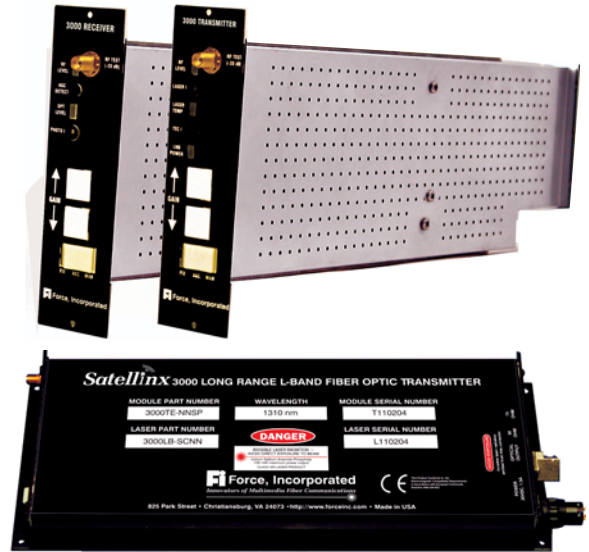


Long Range L-Band Transport

- 100 km+ depending on configuration.
- Model 3000 optically transports the entire L-Band frequency range (950-2150 MHz) and is designed to operate in stringent teleport environments.
- The modular transmitter design allows the user to choose a variety of options for impedance, packaging, wavelength, and optical connector type.
- User-selectable gain controls allow for automatic, manual, and fixed gain adjustments in the field.
- 3RU chassis mounted modules are hot-swappable to ensure maximum system up-time.
- The Model 3000 is format independent and provides a -20 dB RF test point for ease of use, commissioning, and troubleshooting.



3RU and Stand-alone Modules

The Model 3000 L-Band Satellite Transport System brings a state-of-the-art modular approach to the demanding Teleport environment. The link transmits in the frequency range of 950-2150 MHz and employs a number of feature rich components to create a highly reliable system. The system may be ordered in a stand-alone or 3RU rack-mount configuration. The laser type may be specified for conventional 1310 nm or 1550 nm operation, CWDM operation or DWDM operation. Both the transmitter and the receiver may be specified for 75 Ohm or 50 Ohm inputs. The transmitter may also be ordered to provide +18 Volts DC for LNB power. The 3RU rack chassis configuration offers increased system reliability via dual, redundant power supplies and hot-swappable modules. The system provides a -20 dB RF test point and other test points to determine laser current draw, laser cooler current draw, and ground, further ensuring proper Teleport system operations.

